

Converting Colors

CIELCh(100, 76.866, 29.601)

Have a look what the booklet for
CIELCh(100, 76.866, 29.601)
contains.

CIELCh(84, 23.603, 36.340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 23.603, 36.340)

Conversions

Conversions Part 1

Format	Color
Hex	FEC4B8
RGB	254, 196, 184
RGB Percent	100%, 77%, 72%
CMY	0.0038, 0.2310, 0.2780
CMYK	0.00, 0.23, 0.28, 0.00
HSL	10°, 97%, 86%
HSV	10°, 28%, 100%
XYZ	69.3110, 64.0658, 54.1202
YIQ	211.9740, 38.4200, 8.5640

Conversions

Conversions Part 2

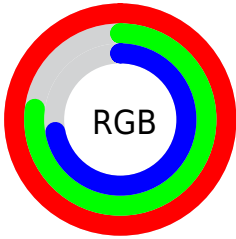
Format	Color
RYB	254, 198, 184
Decimal	16696504
CIELab	84.00, 19.01, 13.99
CIELCh	84, 23.603, 36.340
Yxy	64.0658, 0.3697, 0.3417
Android (android.graphics.Color)	4294886584 (0xFFFE4B8)
YUV	211.9740, -13.7912, 36.8568
Hunter-Lab	80.0411, 14.4989, 15.9395

Details

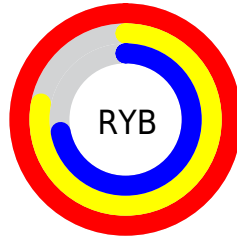
The CIELCh color **84, 23.603, 36.340** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 19.445, 217.031**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.620, 103.477**, and **64, 23.577, 36.294** is the 20% darker color. If you saturate the color by 10%, you get **79, 33.561, 36.707**, and if you desaturate by 10%, it is **90, 14.404, 36.160**.

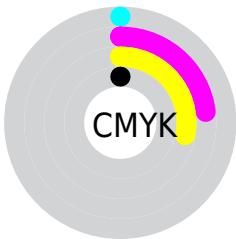
Distribution



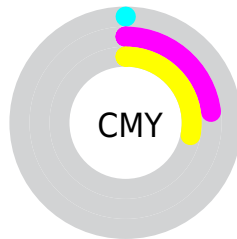
- Red (100%)
- Green (77%)
- Blue (72%)



- Red (100%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.603, 36.340 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 84, 23.603, 36.340 by changing the saturation by 10% instead.

 84, 23.603, 36.340

 84, 23.603, 36.340

 100, 23.603,
36.340

 74, 23.603, 36.340

 64, 23.603, 36.340

 54, 23.603, 36.340

 44, 23.603, 36.340

 34, 23.603, 36.340

 24, 23.603, 36.340

 14, 23.603, 36.340

 4, 23.603, 36.340

 0, 23.603, 36.340

84, 23.603, 36.340

84, 23.603, 36.340

79, 33.561, 36.707

90, 14.404, 36.160

73, 44.281, 37.292

95, 5.931, 36.066

69, 55.688, 38.144

100, 0.334,
201.366

64, 67.591, 39.276

61, 79.567, 40.607

58, 90.667, 41.820

55, 98.989, 42.200

55, 100.667,
42.280

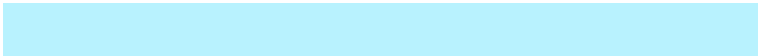
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84, 23.603, 36.340



92, 19.445, 217.031

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 23.603, 36.340



84, 23.603, 86.340



84, 23.603, 216.340



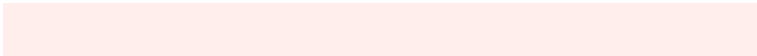
84, 23.603, 266.340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84, 23.601, 36.347



95, 6.336, 36.071



83, 39.146, 331.108



50, 4.532, 36.086



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 23.601, 36.347



81, 29.048, 36.520



92, 25.652, 87.556



50, 4.532, 36.086



42, 80.900, 42.636



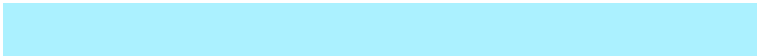
11, 30.398, 35.615

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



92, 19.445, 217.031



91, 22.888, 217.339



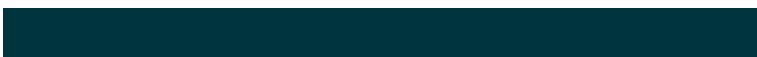
83, 25.493, 275.347



52, 4.263, 216.458



60, 35.086, 229.419



20, 16.148, 224.925

Previews

White Background



This preview shows how the CIELCh color 84, 23.603, 36.340 looks on a white background.

Color Contrast Check

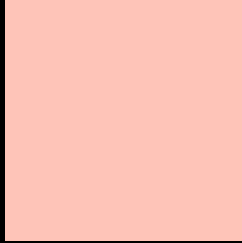
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 23.603, 36.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

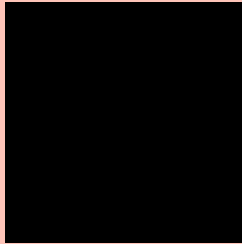
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 23.603, 36.340

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.603, 36.340.



This preview shows how white text looks on a background with the CIELCh color 84, 23.603, 36.340.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84, 23.631, 36.343

Protanopia

84, 10.029, 89.554

Deuteranopia

84, 17.924, 53.857



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 23.631, 36.343

Protanomaly
84, 13.368, 58.737

Deuteranomaly
84, 19.798, 47.118

Tritanomaly
84, 23.301, 14.873

Monochromacy



Original Color
84, 23.631, 36.343

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.099, 34.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.603, 36.340 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.603, 36.340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 196, 184) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 196, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.603, 36.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
196, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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